

**Office of the President
of the Philippines
Malacañang**

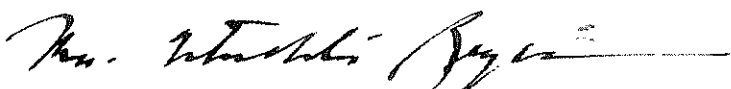
BID BULLETIN

Pursuant to the Invitation to Bid published last 24 August 2018 in Business Mirror, in PhilGEPS, OP-website and three conspicuous places regarding the project – **One (1) Lot Supply, Delivery, Installation, Implementation and Configuration of Storage and Archival Solution with UPS System** with Purchase Request (PR) No. 18-08-0918, please be informed of the following changes resolved by the Bids and Awards Committee (BAC) during the Pre-bid Conference held on 30 August 2018, 10:30AM, at the OP-BAC Bidding Room, Mezzanine Flr., Mabini Hall Building, Malacañang, Manila and noted the recommendation of the End-user as to the amendments/changes to the Bidding Documents, as follow:


BACKUP SOFTWARE SYSTEM
1) Must have Web-based and CLI interfaces for both client and management server
2) Support for file-level backup/archive
3) Support for image backup of disks
4) Able to query backup/archive objects using web-based GUI and CLI
5) Able to backup/archive and restore/retrieve using Web-based GUI and CLI
6) Able to restore/retrieve object data to original location, alternate location and alternate client
7) Able to retain backup / archive data based on specified user specified number of days; must be able to retain data forever
8) Storage hierarchy support (data transfer to disk, then to tape)
9) Support for simultaneous write to disk and tape media (1 copy on disk, 2 copies on tape)
10) Support for client backup/archive data replication to another backup software system located in a remote DR Facility or in cloud
11) Support for automated backup and archive function
12) Must support data encryption of backup and archive data
13) Must support data deduplication on client and management server
14) Must support data compression
15) Must be able to provide incremental forever backup function; one-time full backup, then incremental forever backup
16) Support for tape, block and object storage
17) Support for online backup of MS Exchange, MS SQL Server, Oracle DB, IBM Domino, IBM DB2 UDB
18) Support for email notification
19) Reporting – previous day status of (but not limited to) – client backup/archive, migration, scheduled tasks success/failed/missed
20) Automated sending of reports via email
21) Proposed solution must be in the market for the last 10 years; requires manufacturer's certificate
22) Must support Fiber Channel and LAN connections to storage systems for data backup
23) Must be able to backup virtual machines running on VVMWARE ESX or Hyper-V
24) Must be able to backup virtual machines incrementally (one time full/snapshot; incremental forever)
25) Must be able to mount VM backup for testing and for instant recovery
26) Must be able to recover VM image
27) Must be able to recover up to file level
28) Must be able to automate VM backup (daily, weekly, monthly)

<ul style="list-style-type: none"> 29) Must be able to backup to disk and tape 30) Must support any Linux Operating Systems (SLES 11.x and higher, RHEL 6.x and higher, Ubuntu 15.x and higher) 31) Must support any Microsoft Windows Operating Systems 32) Must support MacOS 11.x and higher 33) Must support any UNIX Operating Systems (e.g. HP-UX, AIX, Oracle Solaris, etc.) 34) The vendor shall provide and prepare all necessary network connectivity requirements (e.g. UTP cables, patch cords, transceivers, etc.)
FTP SOFTWARE SYSTEM
<ul style="list-style-type: none"> 1) FTP system must support the standard File Transfer Protocol and secure File Transfer Protocol 2) The FTP system should be able to accept inbound or upload file transfers 3) Must be able to create users or virtual users with individual home directories 4) FTP service can run stand-alone or automatically starts when the server reboots/shuts down 5) The vendor shall provide and prepare all necessary network connectivity requirements (e.g. UTP cables, patch cords, transceivers, etc.)
UPS
<ul style="list-style-type: none"> 1) Quantity three (3) 10000 VA each 2) The UPS must be an on-line double conversion system 3) Capable of multiple battery and distribution options 4) Flexible Monitoring via SNMP, LCD Panel Interface and web-based management options 5) Capable of additional/extended battery cabinets of up to six (6) external battery cabinets 6) Must support the proposed equipment power load requirement at 15 minutes battery mode during power outages or fluctuations 7) Input Operating Voltage Range at 176-280V AC Single Phase 8) Output Operating Voltage Range at 230V AC Single Phase 9) Must be rack-mounted that supports standard 19-inch width 10) For future expansion, the proposed UPS should include its own cabinet rack 11) The vendor shall provide and prepare all necessary network connectivity requirements (e.g. UTP cables, patch cords, transceivers, etc.)
RACK CABINET
<ul style="list-style-type: none"> 1) Quantity three (3) 2) PDU to Wall, 4.3,24A, NEMA L6-30 Plug 3) Universal Side Mount PDU (1P 24/48A, 3P 16/24A) 4) Standard 42U Height with Perforated door
OPERATING SYSTEM
<ul style="list-style-type: none"> 1) Minimum quantity eighteen (18) 2) Licensing must be per core 3) Windows Server Standard 2016

Please be guided accordingly.


 Atty. RYAN ALVIN R. ACOSTA
 Chairman, OP – Bids and Awards Committee

05 September 2018


 GMB/LOS/
 OP-BAC